

Converting Colors

HunterLab(64.2433, -33.9767,
10.8146)

Have a look what the booklet for
HunterLab(64.2433, -33.9767,
10.8146) contains.

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Color

**HunterLab(64.1765,
-33.9385, 10.7071)**

Conversions

Conversions Part 1

Format	Color
Hex	57BE9A
RGB	87, 190, 154
RGB Percent	34%, 75%, 60%
CMY	0.6588, 0.2549, 0.3961
CMYK	0.54, 0.00, 0.19, 0.25
HSL	159°, 44%, 54%
HSV	159°, 54%, 75%
XYZ	28.1767, 41.1862, 37.0365
YIQ	155.0990, -49.8320, -33.0320

Conversions

Conversions Part 2

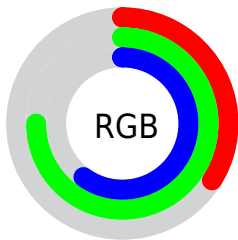
Format	Color
RYB	87, 149, 190
Decimal	5750426
CIELab	70.31, -38.62, 9.19
CIElCh	70, 39.698, 166.610
Yxy	41.1879, 0.2648, 0.3871
Android (android.graphics.Color)	4283940506 (0xFF57BE9A)
YUV	155.0990, -0.5418, -59.7228
Hunter-Lab	64.1765, -33.9385, 10.7071

Details

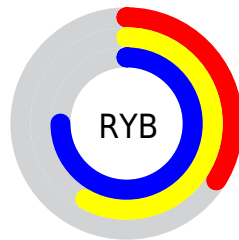
The HunterLab color $64.1765, -33.9385, 10.7071$ is a dark color, and the websafe version is hex $66CC99$. A complement of this color would be $43.8117, 38.3047, 2.3058$, and the grayscale version is $57.3101, -3.0579, 3.1138$.

A 20% lighter version of the original color is $87.7524, -39.3553, 13.0645$, and $43.2622, -28.2524, 8.5774$ is the 20% darker color. If you saturate the color by 10%, you get $63.3840, -37.4396, 12.4418$, and if you desaturate by 10%, it is $65.1562, -29.7543, 9.0957$.

Distribution



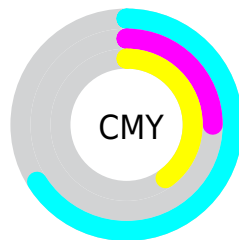
- Red (34%)
- Green (75%)
- Blue (60%)



- Red (34%)
- Yellow (58%)
- Blue (75%)



- Cyan (54%)
- Magenta (0%)
- Yellow (19%)
- Black (25%)



- Cyan (66%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.1765, -33.9385, 10.7071 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 64.1765, -33.9385, 10.7071 by changing the saturation by 10% instead.

■ 64.1765, -33.9385,
10.7071

■ 64.1765, -33.9385,
10.7071

187.3780,
-56.0527, 20.8463

■ 53.3535, -31.1372,
9.6319

■ 87.7320, -39.2373,
12.8777

■ 43.2171, -28.1952,
8.5565

■ 100.3977,
-41.7722, 13.9768

■ 33.8190, -25.0687,
7.4746

■ 113.6203,
-44.2493, 15.0877

■ 25.2225, -21.6898,
6.3749

■ 127.3773,
-46.6784, 16.2113

■ 17.5108, -17.9480,
5.2381

141.6486,
-49.0674, 17.3485

■ 10.8001, -16.5564,
4.2679

156.4163,

■ 1.8446, -3.2281,

-51.4227, 18.4998

1.2912

171.6644,
-53.7497, 19.6657

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.1765, -33.9385,
10.7071

■ 64.1765, -33.9385,
10.7071

■ 63.3840, -37.4396,
12.4418

■ 65.1562, -29.7543,
9.0957

■ 62.7663, -40.2577,
14.2713

■ 66.3243, -24.9030,
7.6278

■ 62.3120, -42.4202,
16.1662

■ 67.6839, -19.4198,
6.3218

■ 62.0026, -43.9838,
18.0925


■ 69.2342, -13.3512,
5.1905


■ 61.8654, -44.7116,


■ 70.9724, -6.7517,


19.1931

4.2422

 72.8936, 0.3199,
3.4808

 74.9920, 7.8037,
2.9063

 77.2603, 15.6417,
2.5155

 79.3295, 22.6471,
1.8451

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.1778, -26.8448, 22.3527



64.1765, -33.9385, 10.7071



64.1778, -33.5314, -6.7262

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.1778, -33.9392, 10.7078



64.1778, 6.8431, -37.0974



64.1778, 22.3163, 23.2200

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.1765, -33.9385, 10.7071



43.8117, 38.3047, 2.3058

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.1778, 33.5073, 12.2673



64.1765, -33.9385, 10.7071



64.1778, 23.9177, -23.7153

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.1778, -33.9392, 10.7078



64.1778, -11.3024, -37.8599



64.1778, 34.1239, -4.6699



64.1778, 4.8458, 28.1033

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.1765, -33.9385, 10.7071



64.1778, -29.0800, -19.5941



64.1778, 34.1239, -4.6699



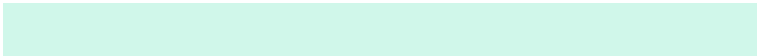
64.1778, 27.0180, 20.2887

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.1778, -33.9392, 10.7078



92.7501, -19.7075, 7.2794



64.5998, -34.8229, 30.9202



43.2546, -10.0472, 3.5554



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.1778, -33.9392, 10.7078



85.1527, -51.1663, 17.1937



60.1918, -20.9117, -11.2633



32.7892, -4.7768, 2.2028



50.4618, -36.3658, 15.4305



10.0468, -6.8325, 2.1918

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.8117, 38.3047, 2.3058



53.4429, 62.7726, 5.3019



46.0737, 26.8907, 17.2569



30.9677, 1.5116, 1.3436



27.4911, 48.0918, 9.9156



5.5551, 9.9357, 0.3156

Previews

White Background



This preview shows how the HunterLab color 64.1765, -33.9385, 10.7071 looks on a white background.

Color Contrast Check

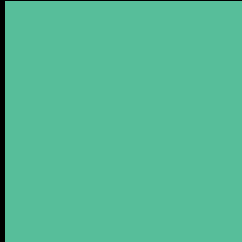
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 64.1765, -33.9385, 10.7071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

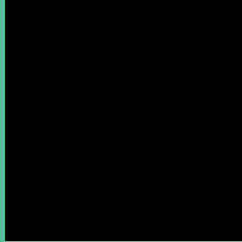
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 64.1765, -33.9385, 10.7071 Background



This preview shows how black text looks on a background with the HunterLab color 64.1765, -33.9385, 10.7071.



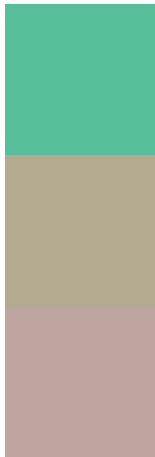
This preview shows how white text looks on a background with the HunterLab color 64.1765,

-33.9385, 10.7071.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

64.1765, -33.9385, 10.7071

Protanopia

63.6132, -4.0456, 14.5349

Deuteranopia

63.6316, 4.2165, 8.7205



Tritanopia

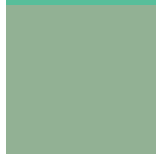
64.1648, -20.9972, -10.7573

Trichromacy



Original Color

64.1765, -33.9385, 10.7071



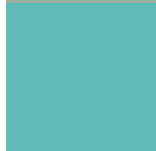
Protanomaly

63.0027, -16.9811, 12.1587



Deuteranomaly

62.8321, -12.3463, 8.4007



Tritanomaly

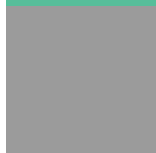
64.0496, -25.8878, -2.4568

Monochromacy



Original Color

64.1765, -33.9385, 10.7071



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

59.2601, -15.9768, 5.2102

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.1765, -33.9385, 10.7071 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(87, 190, 154)` looks like.

```
.text, #text, p{  
    color:rgb(87, 190, 154)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(87, 190, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 190, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 64.1765, -33.9385, 10.7071 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(87, 190, 154) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(87, 190, 154) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(87, 190, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 190, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 190, 154);  
box-shadow:4px 4px 4px 4px rgb(87, 190,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.1765, -33.9385, 10.7071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 190, 154) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(87, 190,  
154) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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